

Receiving Report

Date:

11/4/28
Thyssen K

Batch No: M17050

Supplier:

Dart P/O: 139/6

Packing Slip: Yes No
Invoice: Yes No
Receipt: Cash Cr

Release Note Attached: Yes No N/A
Waybill Attached: Yes No N/A
Shipment Complete: Yes No N/A
QC6 Inspection N/A
Work Order N/A

Discrepancies

Discrepancies						
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
303103		72	c	0	12	
303 BAR		12	c	c	12	
303 5X200		12	c	c	12	

Initials of receiver (if shipment OK) **Level 12**

Production/Admin:

Date

Received/Costing

Initial

Location

Purchase Order Receipt Listing

Page 1 of 1

Thursday, April 28, 2011 7:36:44 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO13916 Receipt Dates from 4/28/2011 to 4/28/2011 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name	VC-COP001	Thyssenkrupp Materials CA Ltd									
PO13916	4		M304S20GA	sf	4/26/2011	4/28/2011	128.0000	\$4.86	0.0000	0	\$622.08
CAD	No		304/316 .040 Sheet	sf	96.0000	DESJ02		\$622.08	0.0000	0	
			117550								
	5		M303R1.000	f	4/29/2011	4/28/2011	12.0000	\$7.65	0.0000	0	\$91.84
	No		303 Round Bar 1.00	f	12.0000	DESJ02		\$91.84	0.0000	0	
			117550								
											Total Received Quantity: 140.0000
											Total Qty to Inspect (PO U/M): 0.0000
											Total Reject Quantity: 0.0000
											Total Receipt Value: \$713.92
											Total Balance Due Quantity: 0.0000

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship Date 26Apr11 at 7:48 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0-0 Manifest 2742
Vhcle (157) Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

Ship To: (1)

DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G - REPRINT

1) Our Order PEC-324710-1 Your PO # 13916
STAINLESS STEEL ROUND BAR 303MAXX
1.00" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
E101780	187868	12 FT	1	22

2) Our Order PEC-324710-2 Your PO # 13916
STAINLESS STEEL SHEET 304-2B
.0360 Nom X 48.0000" X 96.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
YU256037	188000	128.00 SFT	4	179

TOTAL:	Tags	PCS	LBS
		5	211

MTR

MTR

Heat Number *** Chemical Analysis ***
E101780
YU256037

SHIP WITH 324702 SUR-CHARGE PAID

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

Page: 1Continued

409
137

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 707972

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 26Apr11 at 7:48 From PFW
 Probill
 Via VIM TRANSFER TRUCK
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest 2742
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G - REPRINT

TOTAL 1 BDL AND 1 SKID G.W. 292 LBS;

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

***** TEL. 800-926-2600 *****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

4444
B I L L O F L A D I N G

No: PEC 707972

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship Date 26Apr11 at 7:48 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest 2742
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G - REPRINT

TOTAL 1 BDL AND 1 SKID G.W. 292 LBS;

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last ✓

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

OUTO
KUMPU

HEAT E101780

Certificate of Test

ORDER 619394/ C2 BOL 0210613 * CERTIFICATION * 02/09/11

SHIP TO:
 THYSSENKRUPP MATERIALS ***IP**
 CUSTOMER PICK UP
 2821 LANGSTAFF ROAD
 CONCORD L4K 5 000000000

----- YOUR ORDER & DATE -----
 PEC-226815 2/09/11 CUST# 0951002 CUST TAG#

GRADE 303
 Size 303 RND CFA CONDA 1.0000 x 144.000 RL
 Country of Melt: UNITED KINGDOM Country of Mfg.: UNITED STATES
 NAFTA Country of Origin is Country of Melt

No weld repair
 Free of mercury contamination, Free of radiation contamination
 No WEEE relevant substances; Meets EU electrical ROHS

Total Bundles 2 Total Weight 4400

WO 2018618 Bundles: 1R, 1S

----- SPECIFICATIONS -----
 MFG TO FINISHED BAR IN THE USA FROM BILLETS IMPORTED UNITED KINGDOM
 AMS 5640U Type I ASTM A484 09
 ASTM A582 C5 DIN 50049/EN 10204 3.1B
 AISI-303,UNS S30300,SAE30303 Federal Spec QQ-S-764B
 Copper & Brass 303 MAXX Eddy Current tested
 UNS S30300, AISI 303

----- MECHANICAL & OTHER TESTS -----

Hardness as shipped	(172 HB)		
Hardness as shipped	85 HRB		
Grain size	8.0	Tensile strength, KSI (MPa)	97.9 (675)
Micro	OK	0.2% Yield Strngth, KSI(MPa)	41.7 (288)
Intergranular corrosion	OK	Elongation % in 4D	55.0
		Reduction of area %	58.9

----- CHEMICAL COMPOSITION -----

Carbon (C)	.047	Manganese (Mn)	1.570
Phosphorus (P)	.032	Sulphur (S)	.348
Silicon (Si)	.421	Chromium (Cr)	17.210
Nickel (Ni)	8.100	Cobalt (Co)	.114
Copper (Cu)	.407	Moly (Mo)	.310
Nitrogen (N)	.077	Columbium (Cb)	.003
Titanium (Ti)	.006	Aluminum (Al)	.003
Tin (Sn)	.012	Boron (B)	.002
Vanadium (V)	.060		.000
Columbium/Tantalum (Cb+Ta)	.003		
Iron (Fe)	Balance		
Melt Practice	EAF		
Refining Practice	AOD		
De-long Ferrite			

Knowingly & willfully falsifying or concealing a material act on this form,
 or making false, fictitious or fraudulent statements or representations
 herein could constitute a felony punishable under federal statutes.
 We hereby certify that the test results shown in this report are correct and
 accurate as contained in the records of the company and are in compliance
 with the specifications, codes, and standards listed above.

M. F. Marcano, Quality Manager

M.F. Marcano

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B
0360 Nom X 48.0000" X 96.0000"
PART NO.

PO/Ref 13916

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL-PEC-707972-002

27April

Pg 1/1

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

Customer: COPCON PO#:PEC-223487 SO#:PG9657
Item:20GA4896304B Bundle:93548788A-3 Heat#:YU256037

Pec 22

This MTR contains 1 page (Page# 1)

MTR#:YMCLF10M358-2-2.G

INSPECTION CERTIFICATE

 嘉茂實業股份有限公司
YIEH MAU CORP.

INVOICE NO.: P10M357-2358-2359-2
COMMUNITY: PRIMARY COLD ROLLED STAINLESS STEEL SHEETS,
AISI 304 2B FINISH
SPECIFICATION: AISI 304
CUSTOMER: HAIFORD ENTERPRISE LTD.

工廠:高雄縣路竹鄉順安路345號
345, SHUJN RD. LU CHU-HSIANG
KAOHSIUNG HSIEN, TAIWAN R.O.C.
TEL:(07)6972885 FAX:(07)6973005
CERTIFICATE NO: P10M358-2-2
DATE OF ISSUE: 04/01/2010

SIZE	NO.of Product	Weight in KG	Heat No.	ID No.	Physical Properties					Chemical Properties (%)								
					Tensile Test GL=50 mm					Chemical Properties (%)								
					V.S PSI	T.S. PSI	E.I. (%)	HRB	ELV	C x 100	Si x 100	Mn x 100	P x 1000	S x 100	Ni x 100	Cr x 100	N x 100	
20GA(0.9MM)X48"X 96"	1	1620	YU256037	93548788A-2	42830	36425	53	82	162	4.7	53	112	33	9	802	1813	2	
20GA(0.9MM)X48"X 96"	1	1620	YU256037	93548788A-3	42630	36425	53	82	162	4.7	53	112	33	9	802	1813	2	
20GA(0.9MM)X48"X 96"	1	1620	YU256037	93548788A-4	42830	36425	53	82	162	4.7	53	112	33	9	802	1813	2	
20GA(0.9MM)X48"X120"	1	1719	YU255069	92548449B-1	43065	37585	55	87	179	5	43	131	32	5	809	1821	2.5	
20GA(0.9MM)X48"X120"	1	1721	YU255069	92548449B-2	43065	37585	55	87	179	5	43	131	32	5	809	1821	2.6	
20GA(0.9MM)X48"X120"	1	1721	YU255069	92548449B-3	43065	37585	55	87	179	5	43	131	32	5	809	1821	2.5	
22GA(0.9MM)X48"X120"	1	1760	YU255071	92547359B-6	44370	108225	55	85	172	5.1	50	103	37	1	819	1814	2.3	

7 11782

Remarks: NO MERCURY CONTAMINATION

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS
BEEN MADE IN ACCORDANCE WITH THE RULES OF THE MILL CERTIFICATE.

BEND TEST: GOOD FOR ALL HEAT NO.

1.EQUIVALENT TO ASME SA340-06, SA480-06, ASTM A240-16/A480-06, A157 TYPE 304

2.INTERGRANULAR CORROSION IN ACCORDANCE WITH ASTM A262-6

3.Hardness: >120m HRB/ASTM E18-05, Other HV/ASTM E92, 97;

4.Tensile Test: ASTM E8/E4

5.Tensile Method: C.S.N/ASTM E1019, 103

6.Other Element: ASTM E106, 90

7.MERCURY FREE

8.SOURCE YUSCO

9.CHEMICAL PROPERTIES AND PHYSICAL PROPERTIES COMPLY TO AMS 5513H

ASTM A668-03/ASME SA886-03 ANNEXED

YIEH MAU CORP.


Manager of Quality Assurance Section

400000

Q U O T A T I O N

NO: PEC ST-322736

Quoted By:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Quoted Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Qtd 15Apr11 Qte Ref
 Frt PREPAID Via FOB
 Tel 613-632-9577 Fax 613-632-1053 Ctc CHANTAL
 Slp STAN IVERS (905-532-1350)

======
 Q U O T A T I O N QT No: PEC ST-322736
 Test Certs: Chem-Y Phys-Y 1 Original copies with Shipment, 1 with Invoice

1	ALUMINUM ROUND BAR 6061T6 COLD FINISH	9 PCS	58 LBS
	.750" DIA X 144.0000"		
	Part No Q2-A-225/8 4-6 DAYS A.R.O		
	MATERIAL	9 PCS @ 31.7800 EA	286.02
	ENERGY & CAP SURCHG	20.0000 LOT	20.00
2	ALUMINUM ROUND BAR 6061T6 COLD FINISH	5 PCS	22 LBS
	.625" DIA X 144.0000"		
	Part No Q2-A-225/8 4-6 DAYS A.R.O		
	MATERIAL	5 PCS @ 30.8000 EA	154.00
3	STAINLESS STEEL ROUND BAR 303MAXX	1 PCS	32 LBS
	1.00" DIA X 144.0000"		
	MATERIAL	32 LBS @ 2.8700 LBS	91.84
4	STAINLESS STEEL FLAT BAR 303CD	1 PCS	122 LBS
	1.00" X 3.00" X 144.0000"		
	Part No 4-6 DAYS A.R.O		
	MATERIAL	1 PCS @ 698.0000 EA	698.00
5	STAINLESS STEEL PLATE 303 HRAP	1 PCS	186 LBS
	1.50" THICK-X-3.0000" X 144.0000"		
	Part No 4-6 DAYS A.R.O		
	MATERIAL	186 LBS @ 5.6800 LBS	1,056.48
6	STAINLESS STEEL ROUND BAR 303MAXX	5 PCS	90 LBS
	.750" DIA X 144.0000"		
	MATERIAL	90 LBS @ 2.8700 LBS	258.30
7	STAINLESS STEEL ROUND BAR 304L	5 PCS	91 LBS
	.750" DIA X 144.0000"		
	MATERIAL	91 LBS @ 2.7000 LBS	245.70

Q U O T A T I O N

No: PEC ST-322736

Quoted By:

THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Quoted To: (20115)
 DART AEROSPACE

Quoted Ship To: (1)
 DART AEROSPACE

Q U O T A T I O N

QT No: PEC ST-322736

8 STAINLESS STEEL SHEET 304-2B	1 PCS	160 LBS	
1200 Nom X 48.0000" X 96.0000"			
Part No 6-10 DAYS A.R.O			
MATERIAL	160 LBS @	3.0400 LBS	486.40
9 STAINLESS STEEL SHEET 304-2B	4 PCS	192 LBS	
.0360 Nom X 48.0000" X 96.0000"			
MATERIAL	192 LBS @	2.4300 LBS	466.56
10 STAINLESS STEEL FLAT BAR 304-L HRAP	1 PCS	51 LBS	
.50" X 2.50" X 144.0000"			
Part No 4-6 DAYS A.R.O			
MATERIAL	51 LBS @	4.1900 LBS	213.69

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

Price in effect at time of shipment.

Price based on receipt of total order.

All weights are theoretical.

All orders are subject to credit approval.

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

*** PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Order Totals: 10 Items 1004 LBS

Material	Processing	Freight	Other	Taxes	ORDER AMT
3,956.99			20.00	517.00	4,493.99
Taxes: ONHSTS	517.00	0.00		0.00	0.00

M6061T6R0.625	47.34117368	59.6	30
M6061T6R0.750	22.66646316	8.563	40 100 ft
M6061T6S.125	1.095295087	143.4	96
M6061T6T0.3125W.058	3.656925594	117.497	100
M6061T6T0.375W.035	11.73418352	231.5	100
M6061T6T0.500W.049	11.41633684	381.667	100
M6061T6T0.500W.058	100.2984211	247.8	80
M6061T6T1.000W.188	28.56362466	36.375	40
M6061T6T1.500W.125	3.026315789	34.5	12
M6061T6T1.750W.065	1.956842105	29.415	12
M6061T6T3.500W.375	15.65789474	0	0
M6061T6T5.000W.125	5.757889474	23.75	6
M6061T6TR4.0X2.0W125	19.80520526	25	6
M6061T6TS0.750W.062	62.23815263	103.006	100
M7075T73B4.000x4.000	5.056142105	20.281	6
M7075T73R1.000	2.312894737	30.865	6
M7885/2-4-3	12	542	80
M7885/3-4-4	14	333	100
M7885/3-4-5	2	179	50
M81714/2-DC1	2	4	4
M81714/2-DD2	1	4	4
M83536/2-024	1	4	4
MDELRINB0.250X01.000	2.673684211	6	6
MDELRINB0.75X1.250	2.464131579	8	12
MDELRINB1.250X2.500	1.502	7	6
MDELRINB2.000X02.000	3.655015793	15	6
MDELRINR0.750	58.92082632	118	24
MLEXS.093-F6006-02	10.12759738	808.44	200

~~304 B 0.500x2.500 x 12 ft~~

~~17-4 B 2.000x 1.500 x 24 ft~~

~~303 R 1.000x12 ft~~

~~303 B 1.000x 3.000 x 12 ft~~

304 S 1124 x 32 SF

~~304 S 2054 x 128 SF~~

M174B0.500X02.000	8.35E-02	54.66	20
M174B1.250X02.000	18.0308042	8.752	20
M174B2.000X01.500	2.412105263	9	12
M174PH-H900B3.937X4.750	15.00432316	17	8
M174PH-H900R1.000	83.47729118	0	4
M174PH-H900R1.375	90.20505263	30.13	4
M2024T3A.750X.750X.063W	0.397210526	23.933	0
M2024T3A1.0 X 1.0 X.125	0.2	9.25	0
M2024T3A1.50X2.00X.125	3.16E-07	11.5	0
M2024T3S.040	320.0386263	95.5	64
M22759/16-229	1.211594737	200	100
M2650-6	27.84286749	56	30
M303B1.000X03.000	0.857	1.282	0
M303B1.000X2.000	4.635619474	15	6
M303B1.500X03.000	0.121647368	2.8	6
M303B2.000X1.750	5.281696842	10.6	10
M303H0.625	0.315789474	0	0
M303R0.313	6.14E-02	20.15	12
M303R0.375	5.159210526	32.131	12
M303R0.500	15.2767648	72.5	20
M303R0.750	125.0216318	114.05	60
M304B0.250x0.500	32.94663158	269.5	8
M304B0.500X2.500	397.6506579	22	12
M304B1.000X1.000	0.193760533	13.8	6
M304EX0.75-16F	277.1809179	405.1916	192
M304R1.00	8.210526316	0	0
M304R0.750	50.08236842	42.287	24
M304S12GA	65.56530015	156	32
M304TR0.375W.035	3.16E-02	24.25	6
M304TR0.375W.065	8.72E-02	10	12
M304TR0.675W.091	40.35255263	115.583	40
M304TR0.750W.065	1.212994737	40.5	24
M304TR1.000W.049	0.402610421	19.66	24
M304TR1.125W.065	0.342105263	15.5	12
M304TS0.500W.049	70.75648064	168.3619	200
M304TS0.750W.049	200.1431499	185.8822	120
M39029/63-368	120	105	5
M39029/64-369	40	20	10
M4130NB0.500X03.000	46.88631579	35.43	40
M4130NR0.375	0.293157895	9.75	0
M4130NR0.750	1.89E-02	12.92	6
M4130NS.100	1.87E-02	0	0
M4130NT0.500W.049	10.27789474	81.84	10
M4130NT0.750W.049	57.493	85.23	30
M4130NT1.000W.049	1.120723684	20.96	12
M4130NT1.000W.120	0.957684211	11.22	12
M5052H32S.020	0.151578947	0	0

TRANSMISSION VERIFICATION REPORT

TIME : 04/20/2011 11:11
NAME :
FAX :
TEL :
SER. # : F9N212739

DATE, TIME	04/20 11:10
FAX NO./NAME	19057389033
DURATION	00:00:31
PAGE(S)	02
RESULT	OK
MODE	STANDARD ECM

ATM: CHANTAL

B I L L O F
Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

I N G No: PEC 707972
Ship Date 26Apr11 at 7:48 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-324710-1 Your PO # 13916
STAINLESS STEEL ROUND BAR 303MAXX
1.00" DIA X 144.0000"

Heat Number E101780	Tag No 187868	Quantity 12 FT	PCS 1	Wt LBS 32
		Tags TOTAL: 1	PCS 1	LBS 32

SHIP WITH 324702 SUR-CHARGE PAID

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL G.W. 42 LBS.

* CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT. * *** 9:00 AM TO 4:00 PM ***
***** TEL. 800-926-2600 *****

Page: 1 . . .Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 707972

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 26Apr11 at 7:48 From PFW
 Probill
 Via VIM TRANSFER TRUCK
 FOB CONCORD
 Frt PREPAID
 Route 0-0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

* WE STOCK STAINLESS STEEL *
 * PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

DART AEROSPACE

PO#C13976

SLPEC 707972-001

27APR11

STAINLESS STEEL ROUND BAR 303 MAXX
1.00" DIAM 144.0000"
PART NO:We certify that this is a true copy of the report
published by the producer of the metal or data
resulting from tests made in approved labs.Signed by: M. F. Marcanio

Pg 1/1

OUTOKUMPU

Certificate of Test

HEAT E101780

ORDER 619394/ C2 BOL 0210613 * CERTIFICATION * 02/09/11

SHIP TO:
THYSSENKRUPP MATERIALS **IP**
CUSTOMER PICK UP
2821 LANGSTAFF ROAD
CONCORD L4K 5 000000000----- YOUR ORDER & DATE -----
PEC-226815 2/09/11 CUST# 0951002 CUST TAG#----- ITEM DESCRIPTION -----
GRADE 303 Ship Condition CONDA
Size 303 RND CFA CONDA 1.0000 x 144.000 RL
Country of Melt: UNITED KINGDOM Country of Mfg.: UNITED STATES
NAFTA Country of Origin is Country of MeltNo weld repair
Free of mercury contamination, Free of radiation contamination
No WEEE relevant substances; Meets EU electrical ROHS

Total Bundles 2 Total Weight 4400

WO 2018618 Bundles: IR, 1S

SPECIFICATIONS

MFG TO FINISHED BAR IN THE USA FROM BILLETS IMPORTED UNITED KINGDOM
AMS 5640U Type I ASTM A484 09
ASTM A582 C5 DIN 50049/EN 1.0204 3.1B
AISI-303,UNS S30300,SAE30303 Federal Spec QQ-S-764B
Copper & Brass 303 MAXX Eddy Current tested
UNS S30300, AISI 303

----- MECHANICAL & OTHER TESTS -----

Hardness as shipped	(172 HB)	SPECIFICATIONS	
Hardness as shipped	85 HRB		
Grain size	8.C	Tensile strength, KSI (MPa)	97.9 (675)
Micro	OK	0.2% Yield Strength, KSI (MPa)	41.7 (208)
Intergranular corrosion	OK	Elongation % in 4D	55.0
		Reduction of area %	58.9

----- CHEMICAL COMPOSITION -----

Carbon (C)	.047	Manganese (Mn)	1.570
Phosphorus (P)	.032	Sulphur (S)	.348
Silicon (Si)	.421	Chromium (Cr)	17.210
Nickel (Ni)	8.100	Cobalt (Co)	.114
Copper (Cu)	.407	Moly (Mo)	.310
Nitrogen (N)	.077	Columbium (Cb)	.003
Titanium (Ti)	.006	Aluminum (Al)	.003
Tin (Sn)	.012	Boron (B)	.002
Vanadium (V)	.060		.000
Columbium/			
Tantalum (Cb+Ta)	.003		
Iron (Fe) Balance			
Mell Practice	EAF		
Refining Practice	AOD		
De-long Ferrite			

Knowingly & willfully falsifying or concealing a material act on this form,
or making false, fictitious or fraudulent statements or representations
herein could constitute a felony punishable under federal statutes.
We hereby certify that the test results shown in this report are correct and
accurate as contained in the records of the company and are in compliance
with the specifications, codes, and standards listed above.

M. F. Marcanio, Quality Manager

Outokumpu Stainless Bar, Inc.
3043 Cresswell Pkwy.
Richburg, SC 28729*M. F. Marcanio*

04/25/11
09:51 AM EDT

S T E L f a x

From: THYSSENKRUPP MATERIALS NA
STAN IVERS
Tel: 905 669 9444
Fax: 9057389033

To: DART AEROSPACE
Attn: 96294
Tel: 613-632-9577
Fax: 613-632-1053
Number of Pages: 2

Subject: Sales Acknowledgement

04/25/11
09:44 AM EDT

S T E L f a x

From: THYSSENKRUPP MATERIALS NA
STAN IVERS
Tel: 905 669 9444
Fax: 9057389033

To: DART AEROSPACE
Attn: 96294
Tel: 613-632-9577
Fax: 613-632-1053
Number of Pages: 2

Subject: Sales Acknowledgement

25April11 09:43 S A L E S A C K N O W L E D G M E N T No: PEC ST-324702
 Sold By:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Ord 25April11 Due 27April11
 Frt PREPAID Via VIM TRANSFER TRUCK FOB CONCORD
 Con 96294 PO/Rel 13916
 Sip STAN IVERS (905-532-1350) Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO No PEC ST-324702
 Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL FLAT BAR 303CD	1 PCS	122 LBS	
1.00" X 3.00" X 144.0000"		12 FT	
MATERIAL	12 FT @	58.1666 FT	698.00
2 STAINLESS STEEL FLAT BAR 304-L HRAP	1 PCS	51 LBS	
.50" X 2.50" X 144.0000"		12 FT	
Part No 4-6 DAYS A.R.O.			
MATERIAL	12 FT @	17.8075 FT	213.69
3 STAINLESS STEEL FLAT BAR 303CD	1 PCS	184 LBS	
1.50" X 3.00" X 144.0000"		12 FT	
Part No ASTM-A582			
MATERIAL	12 FT @	88.0400 FT	1,056.48

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA
 ** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **
 ** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **
 *** TEL. 800-926-2600 ***

 * WE STOCK STAINLESS STEEL!!!! *
 * PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER. ***

Material	Processing	Freight	Other	Taxes	Order Totals:	3 Items	357 LBS
1,968.17				255.86		2,224.03	
Taxes: ONHSTS	255.86						

25April11 09:50 S A L E S A C K N O W L E D G M E N T No: PEC ST-324710
 Sold By:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Trm NET 30 DAYS/NET 30 JOURS Ord 25April11 Due 27April11
 Frt PREPAID Via VIM TRANSFER TRUCK FOB CONCORD
 Con 96294 PO/Rel 13916
 Slp STAN IVERS (905-532-1350) Tel 613-632-9577 Fax 613-632-1053

S A L E S A C K N O W L E D G M E N T SO No PEC ST-324710
 Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 1 with Invoice

1 STAINLESS STEEL ROUND BAR 303MAXX	1 PCS	32 LBS
1.00" DIA X 144.0000"		12 FT
MATERIAL	12 FT @	7.6233 FT
ENERGY & CAP SURCHG		20.0000 LOT
2 STAINLESS STEEL SHEET 304-2B	4 PCS	192 LBS
.0360 Nom X 48.0000" X 96.0000"		
MATERIAL	192 LBS @	2.4300 LBS

SHIP WITH 324702 SUR-CHARGE PAID

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

** CUSTOMER PICK-UP HRS / 9:00 AM TO 4:00 PM **

*** TEL. 800-926-2600 ***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Material	Processing	Freight	Other	Taxes	Order Amt
558.04			20.00	75.14	653.18

Taxes: ONHSTS	75.14				

04/26/11
04:24 PM EDT

S T E L f a x

From: THYSSENKRUPP MATERIALS NA

slssup1
Tel: 905 669 9444
Fax: 9057389033

To: DART AEROSPACE
Attn: 96294
Tel: 613-632-5200
Fax: 613-632-1053
Number of Pages: 3

Subject: Bill of Lading

B I L L O F L A D I N G No: PEC 707972
 Ship From: Ship Date 26April11 at 7:48 From PFW
 THYSSENKRUPP MATERIALS NA Probill
 2821 LANGSTAFF ROAD Via VIM TRANSFER TRUCK
 CONCORD, ONTARIO L4K 5C6 FOB CONCORD
 Tel: 905 669 9444 Fax: 9057389033 Frt PREPAID
 Route 0-0 Manifest 2742
 Ship To: (1) Vhicle Trailer
 DART AEROSPACE Sip STAN IVERS (905-532-1350)
 1270 ABERDEEN ST DART AEROSPACE
 HAWKESBURY, ON K6A 1K7 1270 ABERDEEN ST
 Tel: 613-632-9577 Fax: 613-632-1053 HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G - REPRINT

1) Our Order PEC-324710- 1 Your PO # 13916

STAINLESS STEEL ROUND BAR 303MAXX

1.00" DIA X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
E101780	187868	12 FT	1	32

2) Our Order PEC-324710- 2 Your PO # 13916

STAINLESS STEEL SHEET 304-2B

.0360 Nom X 48.0000" X 96.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
YU256037	188000	128.00 SFT	4	179

TOTAL:	Tags	PCS	Wt LBS
	2	5	211

Heat Number *** Chemical Analysis ***
 E101780
 YU256037

SHIP WITH 324702 SUR-CHARGE PAID

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

Page: 1 Continued

B I L L O F L A D I N G

No: PEC 707972

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship Date 26April11 at 7:48 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest 2742
Vhicle Trailer
Slip STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G - REPRINT

TOTAL 1 BDL AND 1 SKID G. W. 292 LBS;

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT. * *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

***** WE STOCK STAINLESS STEEL *****

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***** PLEASE NOTE A \$20.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER. ***



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13916

Purchase Order Date 4/20/2011

PO Print Date 4/20/2011

Page Number 1 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
4/11/10/20

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M303B1.000X03.000	303 BAR 1" X 3'	4/29/2011 Yes	12.00 f	Yours ppd	\$58.1666	\$698.00
		Special Inst:	MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE				
2	M303B1.500X03.000	303 Bar	4/29/2011 Yes	12.00 f	Yours ppd	\$88.0400	\$1,056.48
		Special Inst:	AS ABOVE				
3	M304B0.500X2.500	304 BAR .500 x 2.50	4/29/2011 Yes	12.00 f	Yours ppd	\$17.8075	\$213.69
		Special Inst:	MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE				
4	M304S20GA 20	304/316 .040 Sheet	4/26/2011 Yes	96.00 sf	Yours ppd 128 / 4/11/10/20	\$4.8600	\$466.56
		Special Inst:	MATERIAL: AISI 304/316 SS SHEET				

4/20/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13916

Purchase Order Date 4/20/2011

PO Print Date 4/20/2011

Page Number 2 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

ANNEALED 2B FINISH
AS PER MIL-S-5059 OR AMS 5513
(304) OR AMS 5524 (316)
OR ASTM A240 OR ASME SA240

5	M303R1.000	303 Round Bar 1.00	4/29/2011	12.00	Yours ppd	\$7.6533	\$91.84
---	------------	--------------------	-----------	-------	-----------	----------	---------

28

✓

f

Special Inst: MATERIAL: AISI 303 SS ROUND
BAR AS PER
ASTM A582
NOTE: AISI 303 NOT ACCEPTABLE

PO Total:

\$2,526.57

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

u CL

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 4/20/2011